

Greenbank Electronics

COMPONENT OVERLAY

PRN-3

Drawn JHP

Date 8/5/87

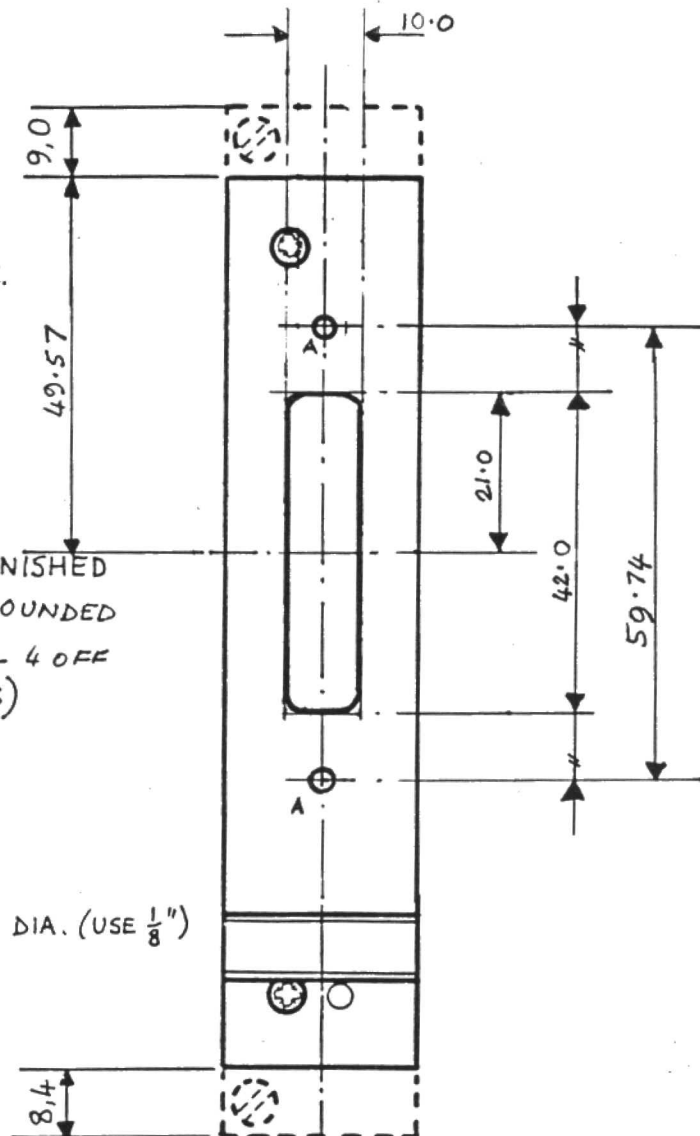
Scale

FEATURES NOT
DIMENSIONED ARE
ALREADY PRESENT ON
THE STANDARD 1 INCH
METAL FRONT PANELS.

THE SLOT CAN BE FINISHED
WITH SQUARE OR ROUNDED
CORNERS (EG DRILL 4 OFF
3.1 (1/8") DIA HOLES)

2 'A' HOLES 3,10 DIA. (USE 1/8")

NOTE: THE SOLID OUTLINE SHOWS
THE "NEW TYPE" CARD FRONT PANEL;
THE DOTTED EXTENSIONS SHOW THE
"OLD (RS.) TYPE".



Drawn J.H.P.

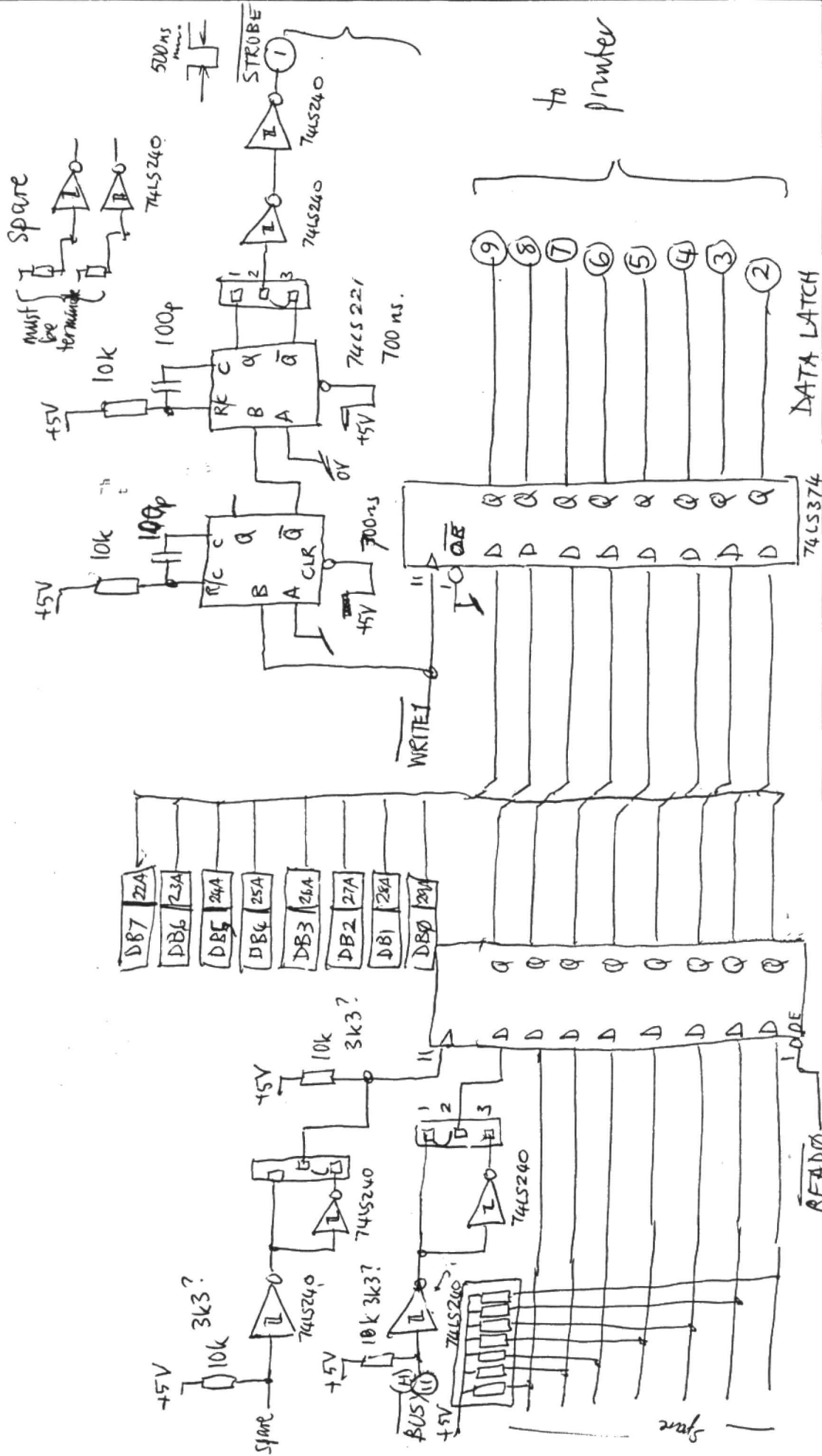
Date 11-4-87

Scale 1:1

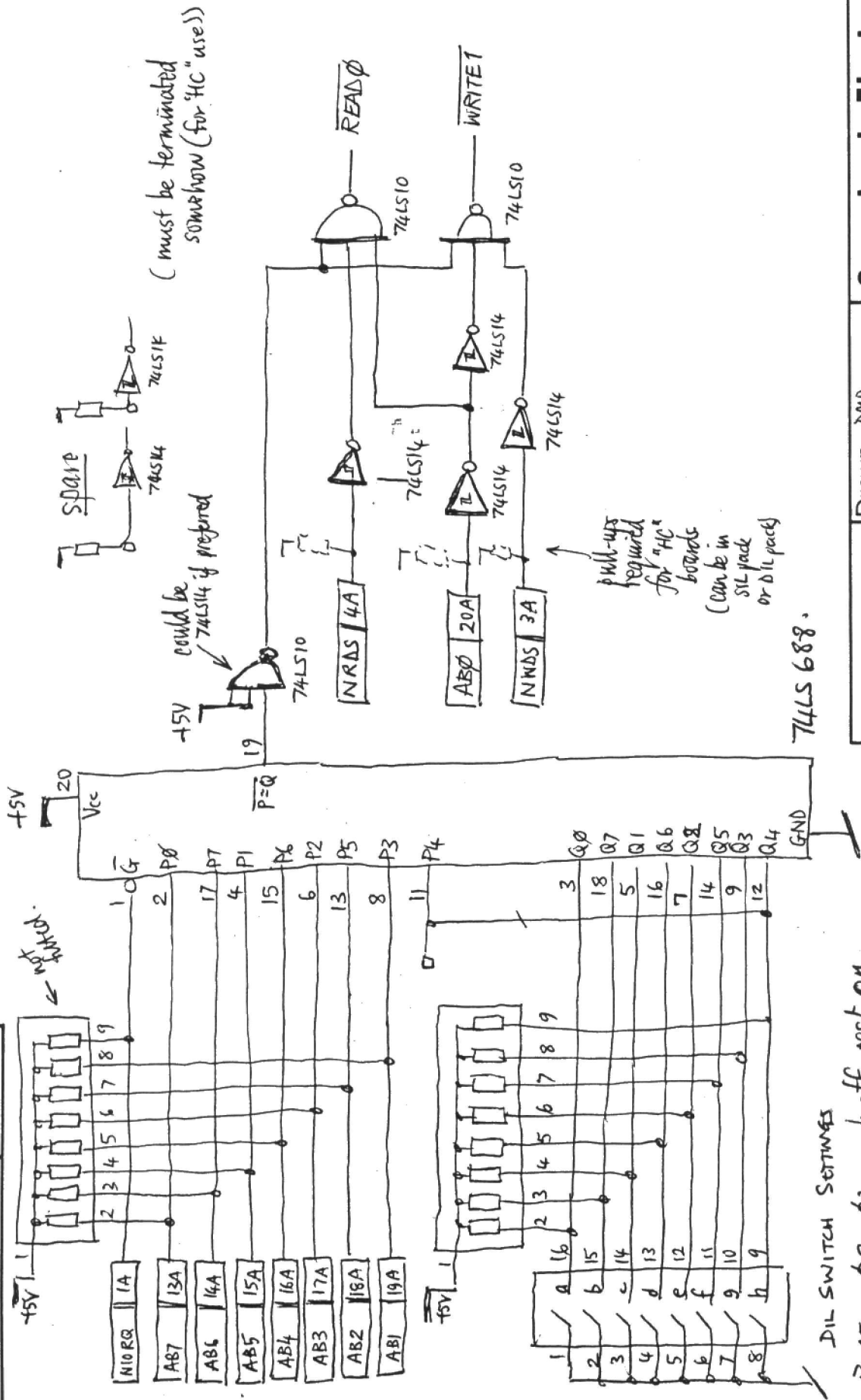
Dims. mm

Interak

PRN-3 FRONT PANEL
DRILLING ETC. DETAILS.



Greenbank Electronics		2	
XPRN-3			
Drawn AMP	Date 5-9-85		
Scale			



(must be terminated somehow (for "HC" use))

could be 74LS14 if preferred

pull-up required for "HC" boards (can be in SIL package or DIL package)

74LS688

DIP SWITCH SETTINGS
 PORT $\phi 2, \phi 3$ g, h off rest on
 $\phi 6, \phi 7$ f, g, h off rest on

Drawn DMP		Greenbank Electronics	
Date 5-9-85		XPRN-3	
Scale			

COMPONENT PRICE LIST FOR PRN-3 CIRCUIT List Ref: PRN-3 /P2
(Prices exclude VAT) February 1987, revised May 1987
Prices each, ex. VAT

Resistors 0.25W 4 R1-4 0.02 0.08

SIL Resistor (Use 9-pin Socket)
not used
SIL8-1K 1 0.26 0.26
SIL8-10K 2 0.26 0.52
SIL8-10K 7 0.86

Capacitors
("MAL" = Low Leakage Miniature Aluminium Electrolytic; "CER" = Ceramic;
"DEC" = 47n-100n Decoupling grade polyester, or Ceramic)
CER100P 2 0.05 0.10
DEC 8 0.09 0.72
MAL22U 1 0.09 0.09
Capacitor Pack CERN3 0.91

Integrated Circuits (Use Sockets)
74LS10 1 (14 pin) 0.36 0.36
74LS14 1 (14 pin) 0.49 0.49
74LS221 1 (16 pin) 1.62 1.62
74LS240 1 (20 pin) 1.08 1.08
74LS373 1 (20 pin) 1.08 1.08
74LS374 1 (20 pin) 1.08 1.08
74LS688 1 (20 pin) 3.50 3.50
Integrated Circuit Pack ICXPRN2 9.21

DIL Switch (Use Socket)
DILSW8 1 S1 1.50 1.50
DIL Switch Pack SWPRN2 1.50

DIL & SIL Sockets
95CON SIL 3 SIL2-4 0.06 0.18
DIL14 2 U2,5 0.10 0.20
DIL16 2 S1,U1 0.10 0.20
DIL20 4 U3,4,6,7 0.22 0.88
DIL & SIL Socket Pack SKPRN3 1.46

0.1" Pitch Pin Assemblies
not used 10 P1-7,9-11,14,15
PINASY3 5 P8,12,13,J2 (two off) 0.11 0.55
PINASY5 6 J2 (six off) 0.15 0.90
Pin Assembly Pack PNPRN3 1.45

Sundry
not used J1,J3,J4
Push fit Shorting Links JLINK 3 off 0.20 0.60
Pre-stripped Insulated Wire for
connection to Front Panel socket
48mm (including some spares) PSW48 20 off 0.01 0.20
63mm (including some spares) PSW63 20 off 0.01 0.20
Sundry Pack SYPRN3 1.00

Total cost of kit of all parts listed so far: PPRN3 16.39
List continues on next page

COMPONENT PRICE LIST FOR PRN-3 CIRCUIT List Ref: PRN-3 /P2
(Prices exclude VAT) February 1987, revised May 1987
Prices each, ex. VAT

Options (i.e. Items not included in standard kit of parts)
Prices each, ex. VAT

PRN-3 p.c.b. sold separately as "BPRN3"
Notes on PRN-3 (Zero rated for VAT)
1" Card Front Kit, inc fixings and mtg. brackets, new type CF1 2.99
ditto, old (RS) type OCF1 3.99
36-way "Centronics" (Amphenol or Equiv.) chassis mounting socket 36CCHSKT 4.94
36-way "Centronics" (Amphenol or Equiv.) cable mtg. plug + hood 36CPLHD 6.98
40-way IDC ribbon cable socket (female) IDC40 2.92
40-way 90 deg. ribbon cable header to fit on board IDC90-40 2.86
20-way Low profile IDC header (J3,J4) IDCPSLP20 1.18
Centronics Printer Lead (2 metres approx) LDCEN36 12.00
36-way IDC Centronics Plug IDC36CEN TBA
36-way IDC Centronics Socket IDC36CEN TBA
36-way IDC Ribbon cable IDC36 TBA
40-way IDC Ribbon cable IDC40 TBA
Epson Printers see separate list

Add 50p handling charge to each transaction, and 15% VAT.

Greenbank Electronics
460 New Chester Road
Rock Ferry, Birkenhead
Merseyside. L42 3AE
Telephone:-051-645 3391
Access and Visa Welcome